

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT APPLICATION TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450



Sir:

Transmitted herewith for filing pursuant to 37 C.F.R. §1.53 is the patent application of:

INVENTORS:

Minoru NUMAGUCHI
c/o ISHIZUKA GARASU KABUSHIKI KAISHA
11-15, Takatsuji-cho, Showa-ku
Nagoya-shi, Aichi 466-8721
JAPAN

Makio NOMURA
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11-15, Takatsuji-cho, Showa-ku
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**FOR: ANTIBACTERIAL GLASS COMPOSITION AND ANTIBACTERIAL POLYMER
COMPOSITION USING THE SAME**

Enclosed are:

- ☐ 0 (zero) sheets of drawings.
- ☒ An Assignment of the invention to: ISHIZUKA GARASU KABUSHIKI KAISHA
- ☒ An associate power of attorney.
- ☐ A Notice of Informal Filing of New Patent Application.
- ☒ An Information Disclosure Statement and accompanying references.
- ☒ Certified copy of Japanese priority application No. 2003-054716

The filing fee is calculated as follows:

	CLAIMS AS	FILED	SMALL ENTITY		OTHER THAN A SMALL ENTITY
FOR	NO. FILED	NO. EXTRA	RATE FEE		RATE FEE
BASIC FEE			\$385		\$ 770
Total Claims	6-20=	-0-	x9=	or	x18=
Indep claims	1-3=	-0-	X43= -0-	or	x86=
[] Multiple	Dep claims		+140= -0-	or	+280=
			TOTAL		TOTAL \$770

 X Checks in the amount of \$770 (for the initial filing fee) and \$ 40 (for the Recordation of Assignment) are enclosed.

 The Commissioner is hereby authorized to charge \$ to Deposit Account No. 20-1424 for the filing fee listed above.

 The Commissioner is hereby authorized to charge \$ to the credit card identified in the attached Credit Card Payment Form for the filing fee listed above.

 X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 20-1424. A duplicate copy of this sheet is attached.

 x Any additional fees under 37 CFR 1.16 for the presentation of extra claims.

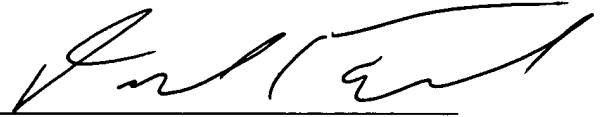
 x Any patent application processing fees under 37 CFR 1.17.

 X The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 20-1424. A duplicate copy of this sheet is attached.

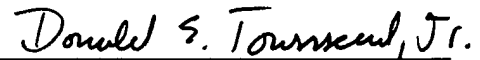
 x Any patent application processing fees under 37 CFR 1.17, including extension of time fees.

 x Any filing fees under 37 CFR 1.16 for the presentation of extra claims.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Donald E. Townsend", written over a horizontal line.

Donald E. Townsend
Reg. No. 22,069

A handwritten signature in black ink, appearing to read "Donald E. Townsend, Jr.", written over a horizontal line.

Donald E. Townsend, Jr.
Reg. No. 43,198

Date: November 26, 2003

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of
M. Numaguchi, et al.

Serial No.: To Be Assigned

Art Unit: To Be Assigned

Filed: Concurrently herewith

Examiner: To Be Assigned

For: ANTIBACTERIAL GLASS COMPOSITION AND ANTIBACTERIAL POLYMER
COMPOSITION USING THE SAME

TRANSMITTAL

Commissioner for Patents
P.O. Box 1450
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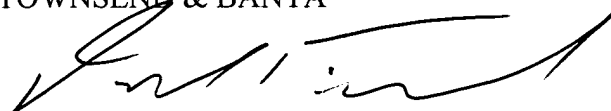
Sir:

In accordance with the provisions of 37 CFR 1.55 and the requirements of 35 U.S.C. 119,
attached hereto is a certified copy of the priority application, Japanese Patent Application No. 2003-
054716 filed February 28, 2003.

It is respectfully requested that applicant be granted the benefit of the filing date of the
foreign application and that receipt of this priority document be acknowledged in due course.

Respectfully submitted,

TOWNSEND & BANTA



Donald E. Townsend
Reg. No. 22,069

Donald E. Townsend, Jr.

Donald E. Townsend, Jr.
Reg. No. 43,198

Date: November 25, 2003

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